

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 19.12.2022

Version number 4 (replaces version 3)

Revision: 19.12.2022

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name: *Reinigungsverstärker***
- **UFI: *QKQ1-00G0-7005-MAX0***
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture** *Auxiliary*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Pramol-Chemie AG*  
*Industriestrasse 3*  
*CH-9602 Bazenheid/SG*  
*Tel +41 71 931 70 30*  
*Fax +41 71 931 44 54*
- **Further information obtainable from:**  
*Abteilung für Produktsicherheit*  
*info@pramol.com*  
*Tel. 071 931 70 30*
- **1.4 Emergency telephone number:**  
*Centre suisse d'information toxicologique, Zurich*  
*+41 (0)44 251 51 51 ou 145 (depuis la Suisse)*  
*Schweizerisches Toxikologisches Informationszentrum, Zürich*  
*+41 (0)44 251 51 51 oder aus der Schweiz: Tel 145*  
*Centro Svizzero d'informazione tossicologica*  
*+41 (0)44 251 51 51 o dalla Svizzera: Tel 145*

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*The product is not classified, according to the GB CLP regulation.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

**SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
- **Description:** *Mixture of substances listed below with nonhazardous additions.*
- **Dangerous components:** *Void*
- **Additional information:** *For the wording of the listed hazard phrases refer to section 16.*

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Generally the product does not irritate the skin.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Provide suction extractors if dust is formed.  
No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 13
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection** Not required.
- **Material of gloves** Rubber gloves

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Not required.

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

- |   |                                 |
|---|---------------------------------|
| · <b>Physical state</b>   | <i>Solid</i>                    |
| · <b>Colour:</b>  | <i>White</i>                    |
| · <b>Odour:</b>   | <i>Characteristic</i>           |
| · <b>Odour threshold:</b>   | <i>Not determined.</i>          |
| · <b>Melting point/freezing point:</b>                            | <i>600 °C</i>                   |
| · <b>Boiling point or initial boiling point and boiling range</b> | <i>Undetermined.</i>            |
| · <b>Flammability</b>   | <i>Not determined.</i>          |
| · <b>Lower and upper explosion limit</b>                          |                                 |
| · <b>Lower:</b>   | <i>Not determined.</i>          |
| · <b>Upper:</b>   | <i>Not determined.</i>          |
| · <b>Flash point:</b>   | <i>Not applicable.</i>          |
| · <b>Decomposition temperature:</b>                               | <i>Not determined.</i>          |
| · <b>pH at 20 °C</b>  | <i>9.5</i>                      |
| · <b>Viscosity:</b>   |                                 |
| · <b>Kinematic viscosity</b>                                      | <i>Not applicable.</i>          |
| · <b>Dynamic:</b>   | <i>Not applicable.</i>          |
| · <b>Solubility</b>   |                                 |
| · <b>water at 20 °C:</b>  | <i>150 g/l</i>                  |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | <i>Not determined.</i>          |
| · <b>Vapour pressure:</b>   | <i>Not applicable.</i>          |
| · <b>Density and/or relative density</b>                          |                                 |
| · <b>Density at 20 °C:</b>  | <i>0.507 g/cm<sup>3</sup></i>   |
| · <b>Relative density</b>   | <i>Not determined.</i>          |
| · <b>Bulk density:</b>  | <i>500-800 kg/m<sup>3</sup></i> |
| · <b>Vapour density</b>   | <i>Not applicable.</i>          |

### · 9.2 Other information

- |  |  |
|--|--|
| · <b>Appearance:</b>   |  |
| · <b>Form:</b>   | <i>Powder</i>  |
| · <b>Important information on protection of health and environment, and on safety.</b> |  |
| · <b>Auto-ignition temperature:</b>  | <i>Product is not selfigniting.</i>                  |
| · <b>Explosive properties:</b>   | <i>Product does not present an explosion hazard.</i> |
| · <b>Solvent separation test:</b>  |  |
| · <b>Water:</b>  | <i>5.0 %</i>   |
| · <b>Solids content:</b>   | <i>100.0 %</i>                                       |
| · <b>Molecular weight</b>  | <i>367.86 g/mol</i>                                  |
| · <b>Change in condition</b>   |  |
| · <b>Evaporation rate</b>  | <i>Not applicable.</i>                               |

### · Information with regard to physical hazard classes

- |                          |             |
|--------------------------|-------------|
| · <b>Explosives</b>      | <i>Void</i> |
|                          | <i>Void</i> |
| · <b>Flammable gases</b> | <i>Void</i> |
|                          | <i>Void</i> |
| · <b>Aerosols</b>        | <i>Void</i> |
|                          | <i>Void</i> |

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· <b>Oxidising gases</b>	Void
	Void
· <b>Gases under pressure</b>	Void
	Void
· <b>Flammable liquids</b>	Void
	Void
· <b>Flammable solids</b>	Void
	Void
· <b>Self-reactive substances and mixtures</b>	Void
	Void
· <b>Pyrophoric liquids</b>	Void
	Void
· <b>Pyrophoric solids</b>	Void
	Void
· <b>Self-heating substances and mixtures</b>	Void
	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
	Void
· <b>Oxidising liquids</b>	Void
	Void
· <b>Oxidising solids</b>	Void
	Void
· <b>Organic peroxides</b>	Void
	Void
· <b>Corrosive to metals</b>	Void
	Void
· <b>Desensitised explosives</b>	Void
	Void

### **SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### **SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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· **11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed.

\* **SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:** No further relevant information available.· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**· **Additional ecological information:**· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

\* **SECTION 13: Disposal considerations**· **13.1 Waste treatment methods**· **Recommendation**

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Smaller quantities can be disposed of with household waste.

· **Uncleaned packaging:**· **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

\* **SECTION 14: Transport information**· **14.1 UN number or ID number**· **ADR, ADN, IMDG, IATA**

Void

· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA**

Void

· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class**

Void

· **14.4 Packing group**· **ADR, IMDG, IATA**

Void

· **14.5 Environmental hazards:**· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

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· UN "Model Regulation":

Void

**SECTION 15: Regulatory information**

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

phosphates

≥30%

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· \* **Data compared to the previous version altered.**

GB